

## EAST Search History

### EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 36   | (insulat\$4 near10 (contact adj hole) near10 gate) and (liquid adj crystal) and (@ad< "19920218" @ad= "19920218")                 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2009/09/17 08:23 |
| L2    | 358  | ((insulat\$4 near10 (contact adj hole) near10 gate) and (liquid adj crystal)).clm.  | US-PGPUB   | OR               | ON      | 2009/09/17 08:25 |
| L3    | 344  | ((insulat\$4 near10 (contact adj hole) near10 gate) and (liquid adj crystal) and (gate near10 contact)).clm.                      | US-PGPUB   | OR               | ON      | 2009/09/17 08:26 |
| L4    | 85   | ((insulat\$4 near10 (contact adj hole) near10 gate) and (liquid adj crystal) and (gate near10 contact near10 semiconductor)).clm. | US-PGPUB   | OR               | ON      | 2009/09/17 08:27 |
| S14   | 856  | 349/138   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2006/01/23 10:35 |
| S15   | 990  | 349/122   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2006/01/23 10:35 |
| S16   | 654  | 349/158   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2006/01/23 10:35 |
| S17   | 1861 | 349/43  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB       | OR               | ON      | 2006/01/23 10:36 |

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| S21 | 3    | "5051570".pn. "4007294".pn. "5268679".pn.   | USPAT  | OR | ON | 2006/01/23 11:20 |
| S22 | 180  | (level\$4 flat\$6) with organic with (TFT (thin adj fim adj transistor))                    | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB           | OR | ON | 2006/01/23 10:51 |
| S23 | 2    | "5162901".pn.   | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB           | OR | ON | 2006/01/23 10:40 |
| S24 | 241  | (level\$4 flat\$6) with organic with (TFT (thin adj fim adj transistor))                    | US-PGPUB   | OR | ON | 2006/01/23 10:49 |
| S25 | 0    | (level\$4 flat\$6) with organic with (TFT (thin adj fim adj transistor)) and "19950117".ad. | US-PGPUB   | OR | ON | 2006/01/23 10:51 |
| S26 | 0    | (level\$4 flat\$6) with organic with (TFT (thin adj fim adj transistor)) and "19950117".ad. | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB           | OR | ON | 2006/01/23 10:52 |
| S27 | 1    | (level\$4 flat\$6) and organic and (TFT (thin adj fim adj transistor)) and "19950117".ad.   | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB           | OR | ON | 2006/01/23 10:53 |
| S28 | 2    | (level\$4 flat\$6) with organic with (TFT (thin adj fim adj transistor)) and @ad<"19950117" | USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB           | OR | ON | 2006/01/23 10:59 |
| S29 | 1    | "5414442".pn.   | USPAT  | OR | ON | 2007/06/20 13:53 |
| S30 | 2    | (level\$4 flat\$6) with organic with (TFT (thin adj fim adj transistor)) and @ad<"19950117" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/23 11:00 |
| S31 | 2701 | (transparent with pixel) and @ad<"19950117"   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/23 11:33 |

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| S32 | 1693 | ((transparent with pixel) and @ad<"19950117") and (liquid adj crystal)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>11:33 |
| S33 | 322  | ((transparent with pixel) and @ad<"19950117") and (liquid adj crystal) and (gate adj insulat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>11:43 |
| S34 | 5    | ((transparent with pixel) and @ad<"19950117") and (liquid adj crystal) and (gate adj insulat\$4) and ((flat\$5 level\$4) with organic)                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>11:35 |
| S35 | 288  | ((transparent near10 pixel) and @ad<"19950117") and (liquid adj crystal) and (gate adj insulat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>11:48 |
| S36 | 161  | ((transparent near10 pixel) and @ad<"19950117") and (liquid adj crystal) and (gate adj insulat\$4) and (level\$4 flat\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/06<br>11:49 |
| S37 | 30   | ((transparent near10 pixel) and @ad<"19950117") and (liquid adj crystal) and (gate adj insulat\$4) and (level\$4 flat\$4) and (crystalline adj silicon)                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>12:58 |
| S38 | 8    | ((transparent near10 pixel) and @ad<"19920218") and (liquid adj crystal) and (gate adj insulat\$4) and (level\$4 flat\$4) and (crystalline adj silicon)                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>13:00 |
| S39 | 1    | ((transparent near10 pixel) and @ad<"19920218") and (liquid adj crystal) and ((gate adj insulat\$4) with fluor\$4) and (level\$4 flat \$4) and (crystalline adj silicon) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/01/23<br>13:01 |
| S40 | 1    | "20020033906".pn.  | US-PGPUB  | OR | ON | 2006/01/23<br>16:06 |

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|-----|------|---|--|----|-----|------------------|
| S41 | 1    | "5340999".pn.   | USPAT  | OR | ON  | 2006/06/08 11:24 |
| S43 | 1    | "63082177".pn.  | JPO  | OR | OFF | 2007/03/06 10:21 |
| S44 | 161  | ((transparent near10 pixel) and @ad<"19950117") and (liquid adj crystal) and (gate adj insulat\$4) and (level\$4 flat\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/20 10:40 |
| S45 | 1396 | ((gate adj insulat\$4) and @ad<"19950117") and (liquid adj crystal) and semiconductor                                     | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/20 10:42 |
| S46 | 861  | ((gate adj insulat\$4) near10 semiconductor) and @ad<"19950117" and (liquid adj crystal)                                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/20 10:43 |
| S47 | 114  | ((gate adj insulat\$4) near10 (semiconductor adj film)) and @ad<"19920218" and (liquid adj crystal)                       | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/06/20 13:47 |
| S48 | 125  | ((gate adj insulat\$4) with (semiconductor adj film)) and @ad<"19920218" and (liquid adj crystal)                         | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/08/31 14:37 |
| S49 | 1    | "5306651".pn.   | USPAT  | OR | ON  | 2007/06/20 13:55 |
| S50 | 1    | "5289030".pn.   | USPAT  | OR | ON  | 2007/06/20 13:55 |
| S51 | 417  | ((gate adj insulat\$4) with ((semiconductor adj film) silicon)) and @ad<"19920218" and (liquid adj crystal)               | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/08/31 14:37 |
| S52 | 264  | ((gate adj insulat\$4) with ((semiconductor adj film) silicon))and surface and @ad<"19920218" and (liquid adj crystal)    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2007/08/31 14:38 |

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| S53 | 18  | "5166816".pn. "4691995".pn. "4581620".pn. "5159476".pn. "5153142".pn. "4908710".pn. "5591987".pn. "4839707".pn. "5998841".pn. "5181132".pn. "20020033906".pn. "6778231".pn. "4704002".pn. "7115902".pn. "4487481".pn. "5119204".pn. "5257105".pn. "5300944".pn. | US-PGPUB; USPAT  | OR | OFF | 2008/01/16 10:27 |
| S56 | 14  | "6281520".pn. "6011277".pn. "6737676".pn. "5905555".pn. "5899547".pn. "5946059".pn. "7154147".pn. "6023075".pn. "7098479".pn. "7067844".pn. "6838698".pn. "7253437".pn. "6437367".pn. "6436815".pn.   | USPAT  | OR | ON  | 2008/05/23 09:38 |
| S57 | 4   | "20060151792".pn. "20070252149".pn. "20050001965".pn. "20050007329".pn.   | US-PGPUB   | OR | ON  | 2008/05/23 09:40 |
| S58 | 105 | ((gate adj electrode) near10 (pixel adj electrode)) and @ad<"19920218"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2008/05/23 10:41 |
| S61 | 1   | "5054887".pn.   | USPAT  | OR | ON  | 2008/05/23 11:46 |
| S62 | 644 | (insulat\$4 near10 (contact adj hole)near10 gate) and @ad<"19920218"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/13 10:04 |
| S63 | 36  | (insulat\$4 near10 (contact adj hole) near10 gate) and (liquid adj crystal) and @ad<"19920218"  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/02/13 10:05 |
| S64 | 1   | "20090021663".pn.   | US-PGPUB; USPAT  | OR | OFF | 2009/05/04 11:48 |

9/17/09 8:31:39 AM

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**[leveling\_GT\_fluorine].wsp**